

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **57150443 A**

(43) Date of publication of application: 17 . 09 . 82

(51) Int. Cl

B01J 35/04

B01J 19/24

// F23D 13/18

(21) Application number: **56036238**

(22) Date of filing: 12 . 03 . 81

(71) Applicant: **MATSUSHITA ELECTRIC IND CO LTD**

(72) Inventor: **MATSUMOTO IKUO
YONEMURA MASAOKI**

(54) COMBUSTION CATALYST BODY

(57) Abstract:

PURPOSE: To prevent the thermal breakdown of catalyst bodies and to effect oxidation reaction of high efficiency by superposing the catalyst bodies of a catalyst burner into plurality or over by changing the side directions of the small holes of their regular polygons.

CONSTITUTION: As catalyst bodies for a burner which catalytically burns gaseous fuel and evaporated liquid fuel with air, ³2 pieces of catalyst bodies 2, 3 are superposed and are used by differing the side directions of the small holes of the regular polygons formed to heat resistant inorg. base materials. Then, the bodies 2, 3 can supply the fuel uniformly, and the temps. of the bodies 2, 3 can be made uniform; therefore, the thermal breakdown of the bodies 2, 3 is prevented, the oxidation reaction of good efficiency is effected and the clean burner is obtained.

COPYRIGHT: (C)1982,JPO&Japio

